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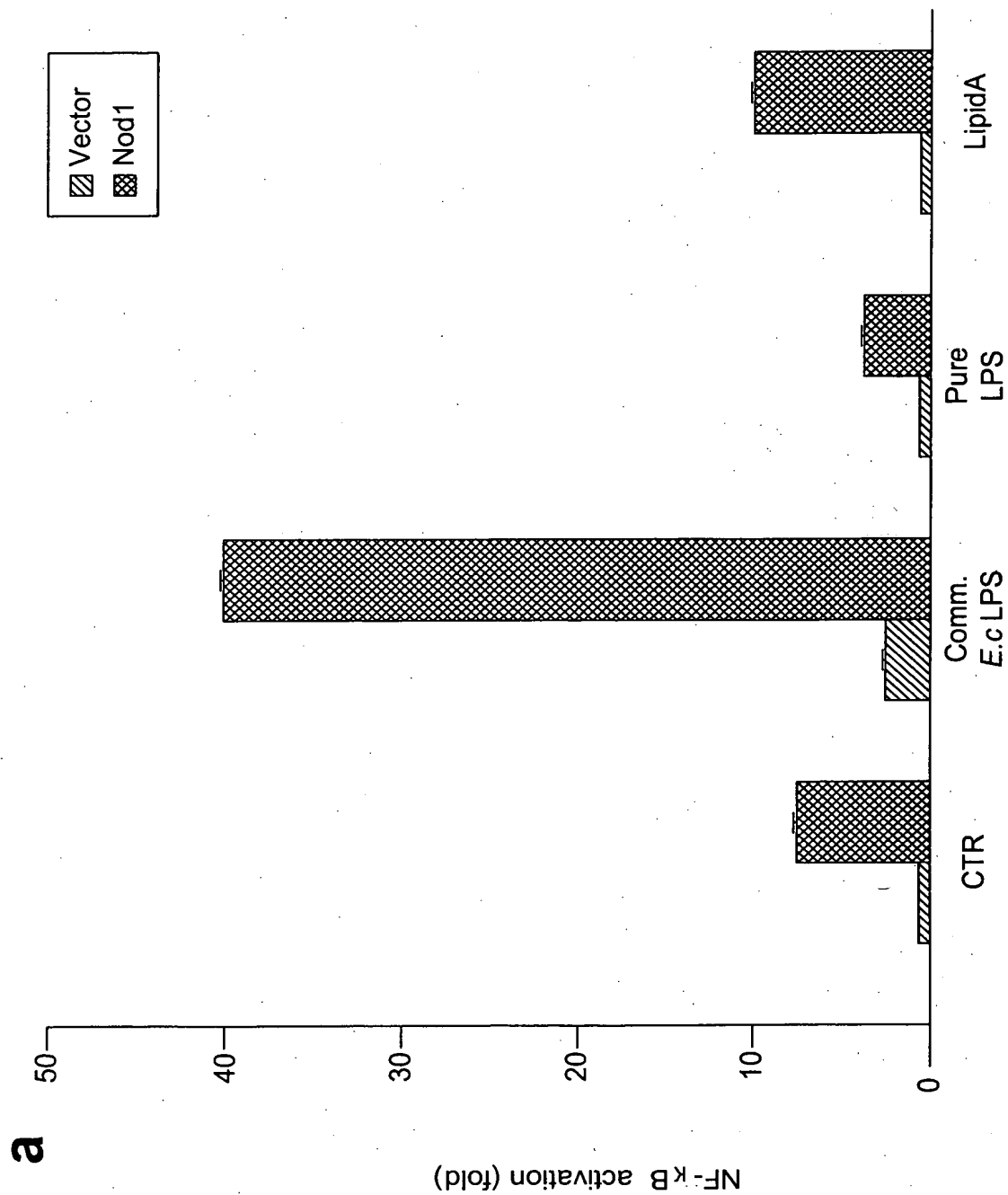
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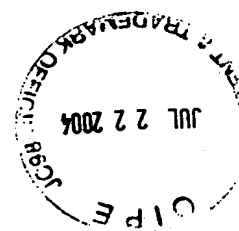
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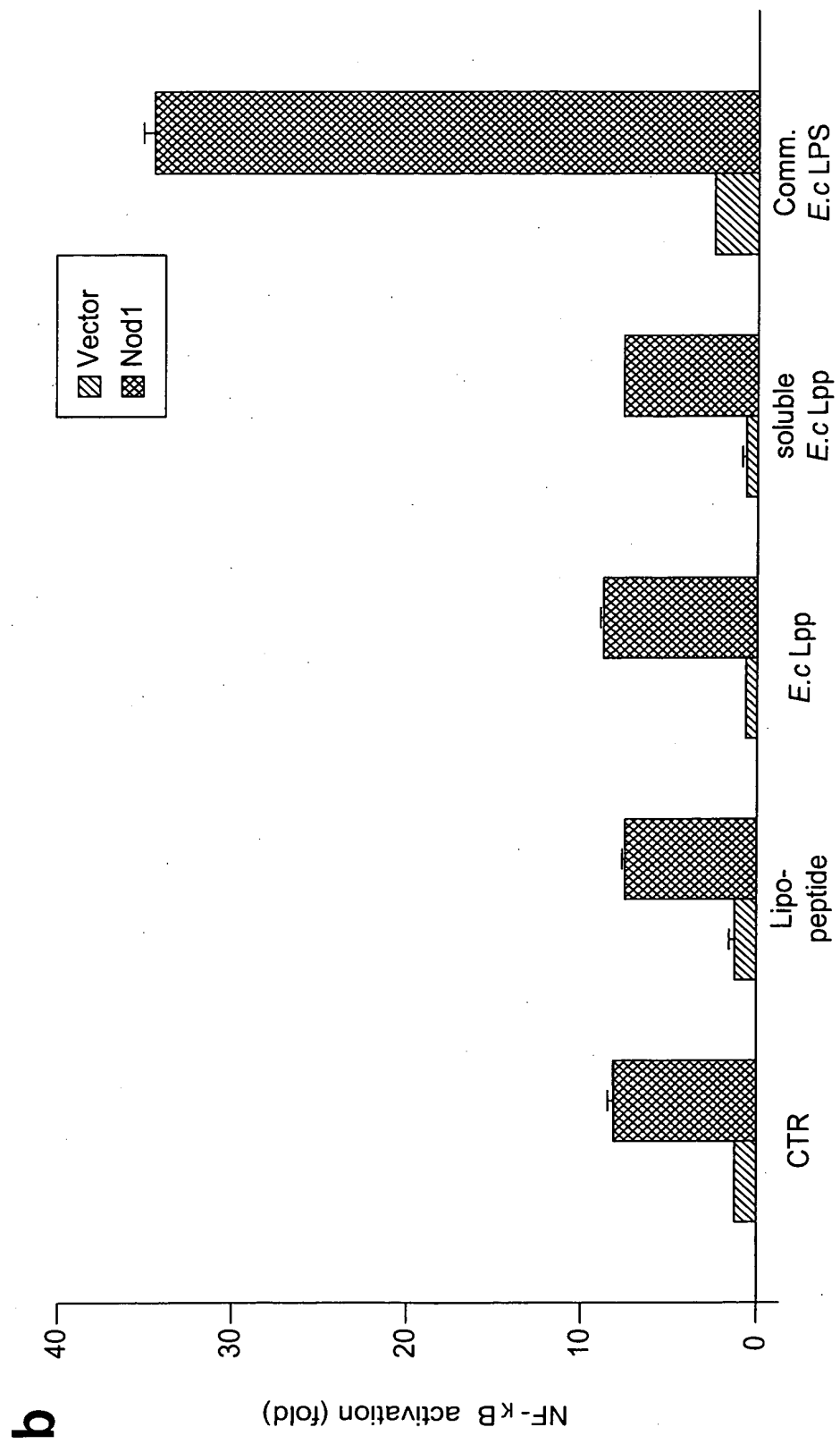
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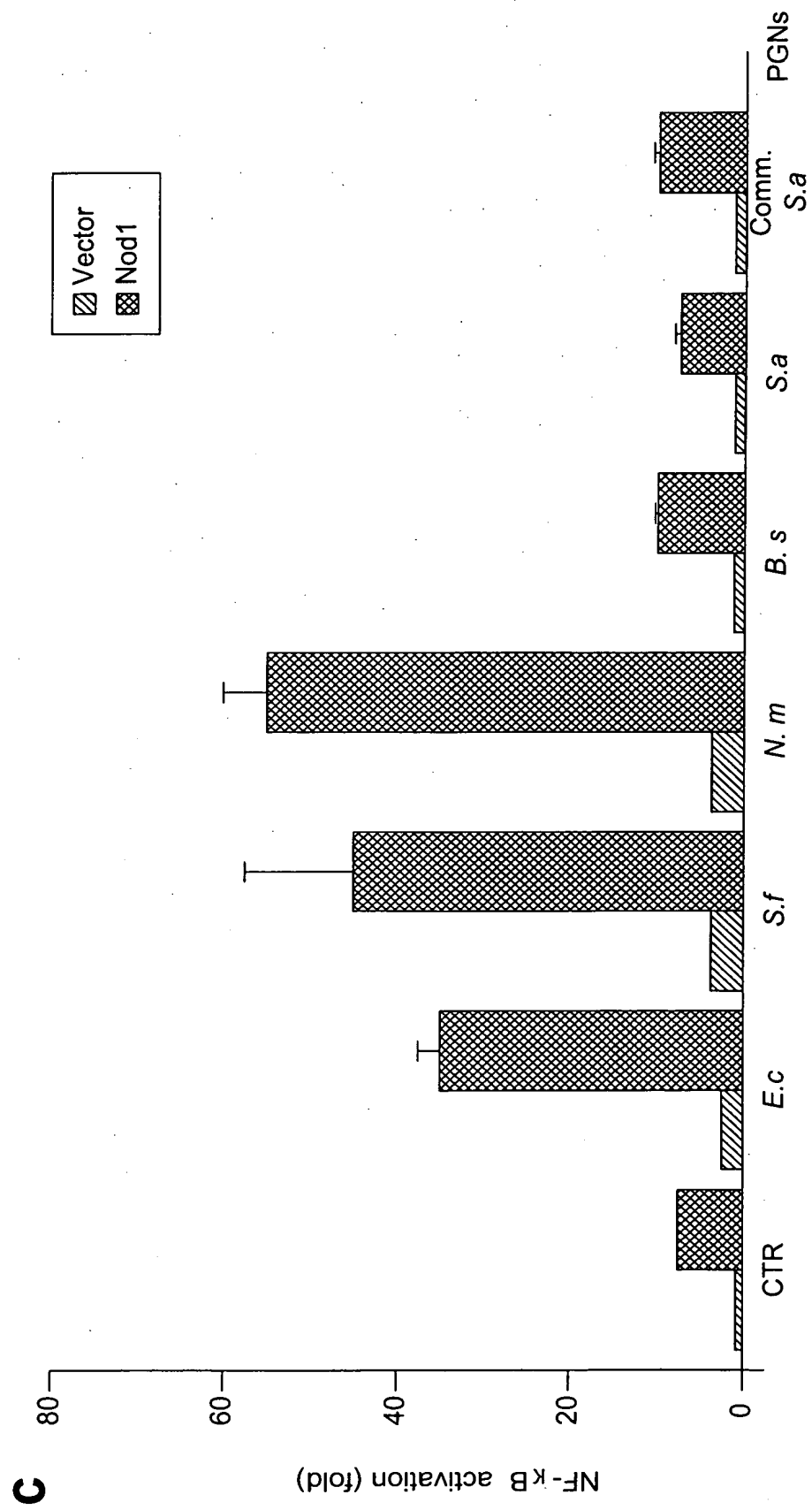


**FIGURE 1a**

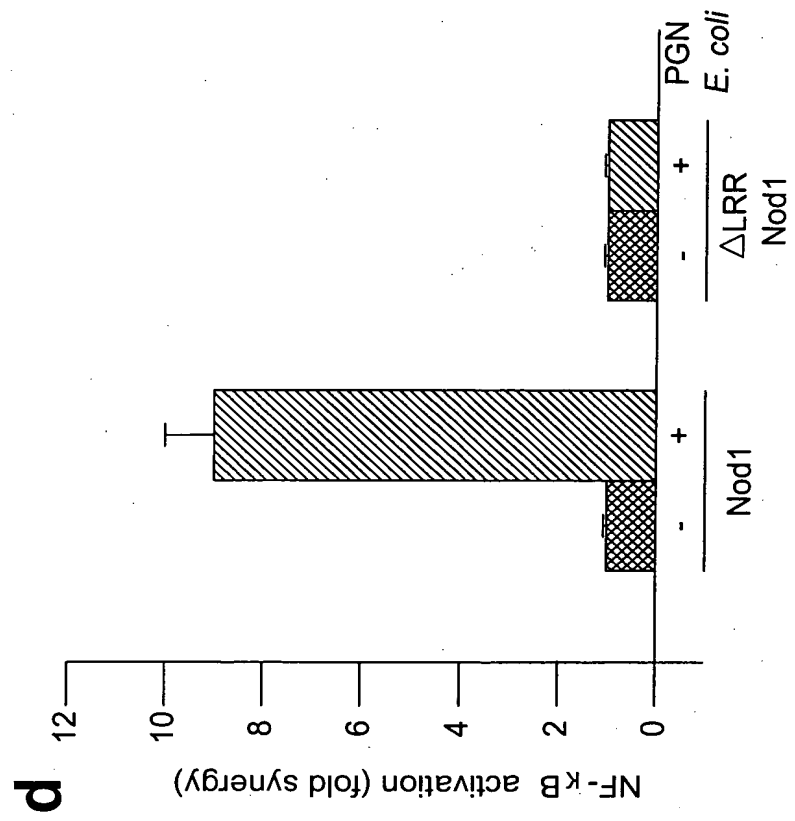




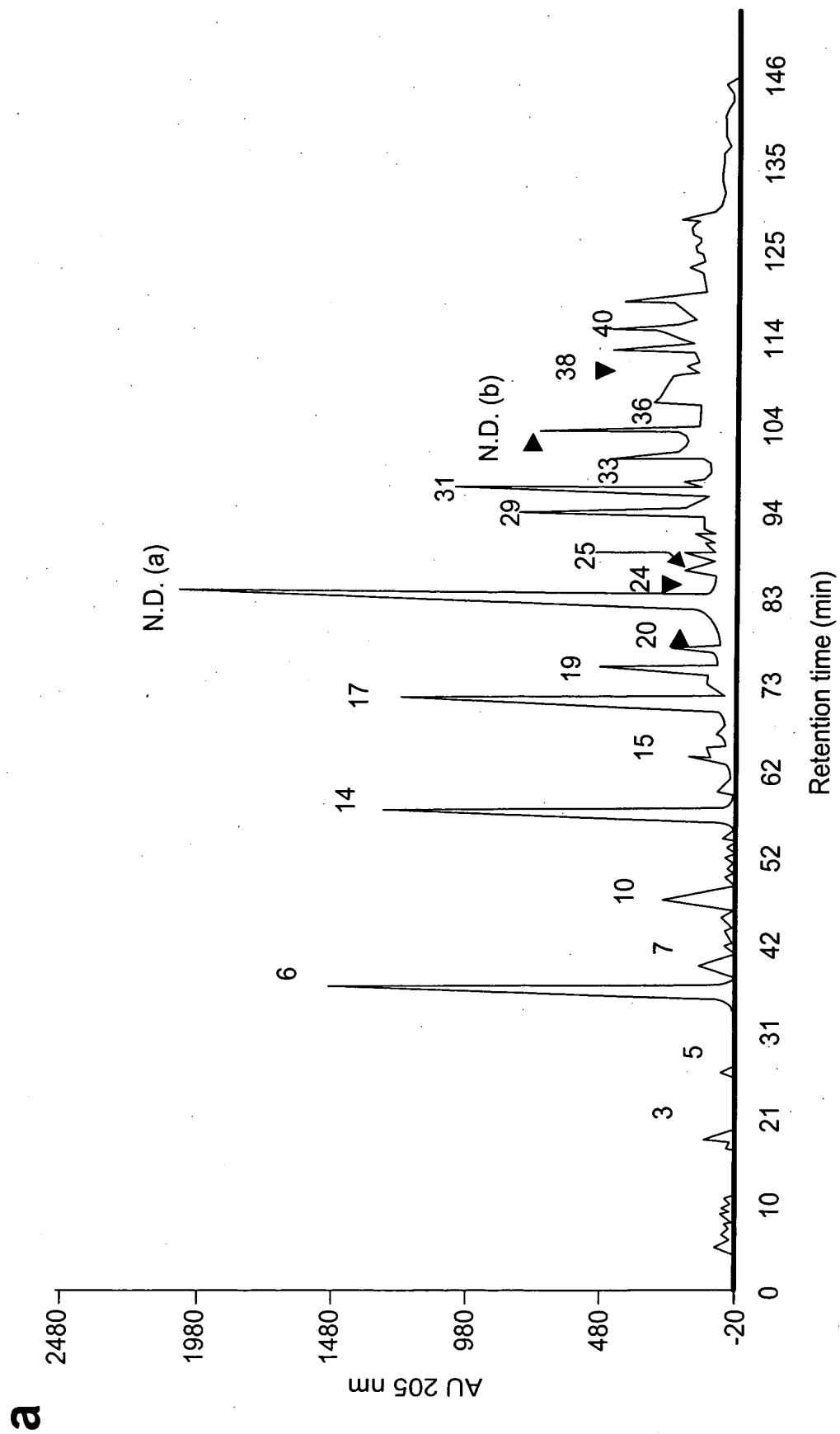
**FIGURE 1b**



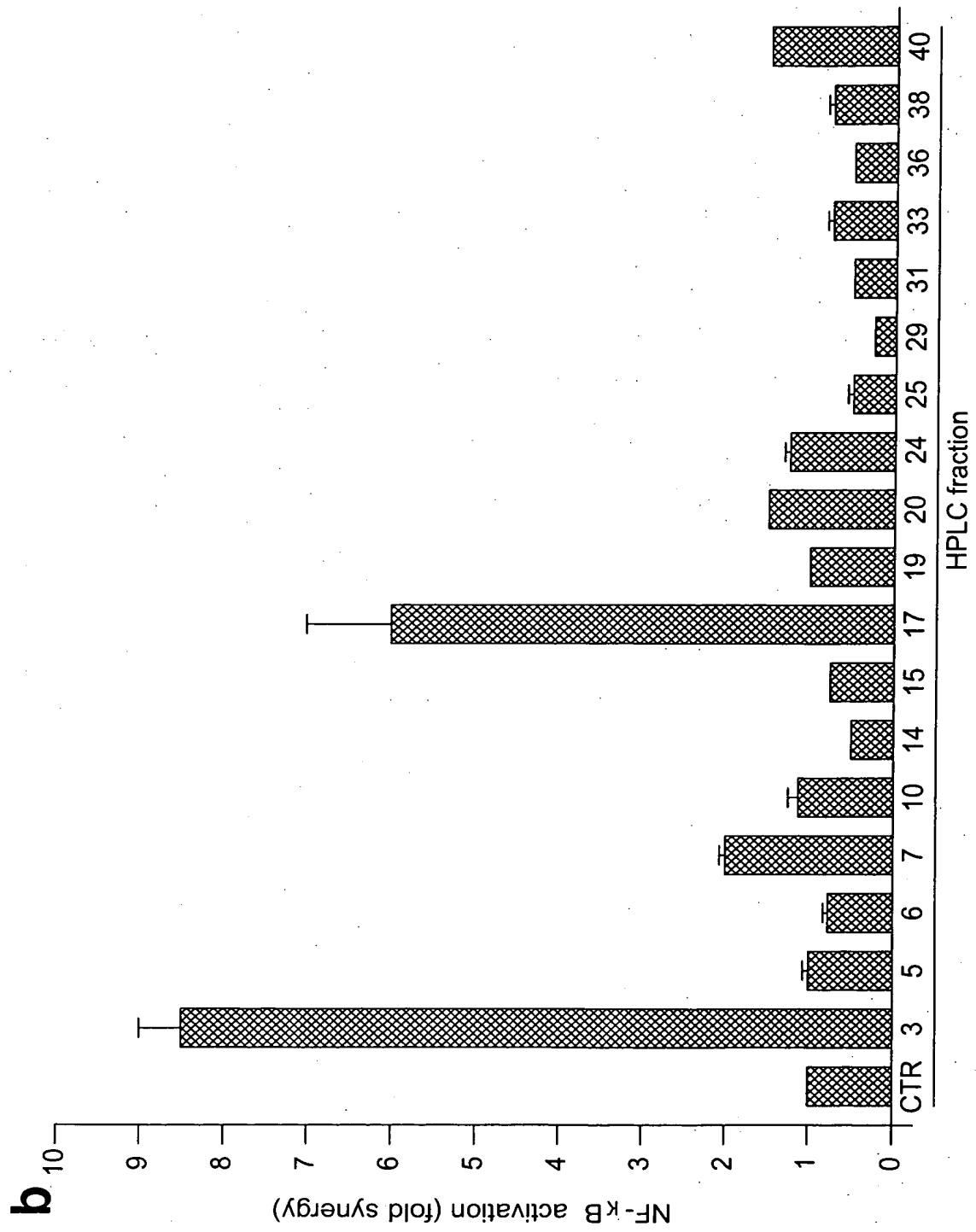
**FIGURE 1c**



**FIGURE 1d**

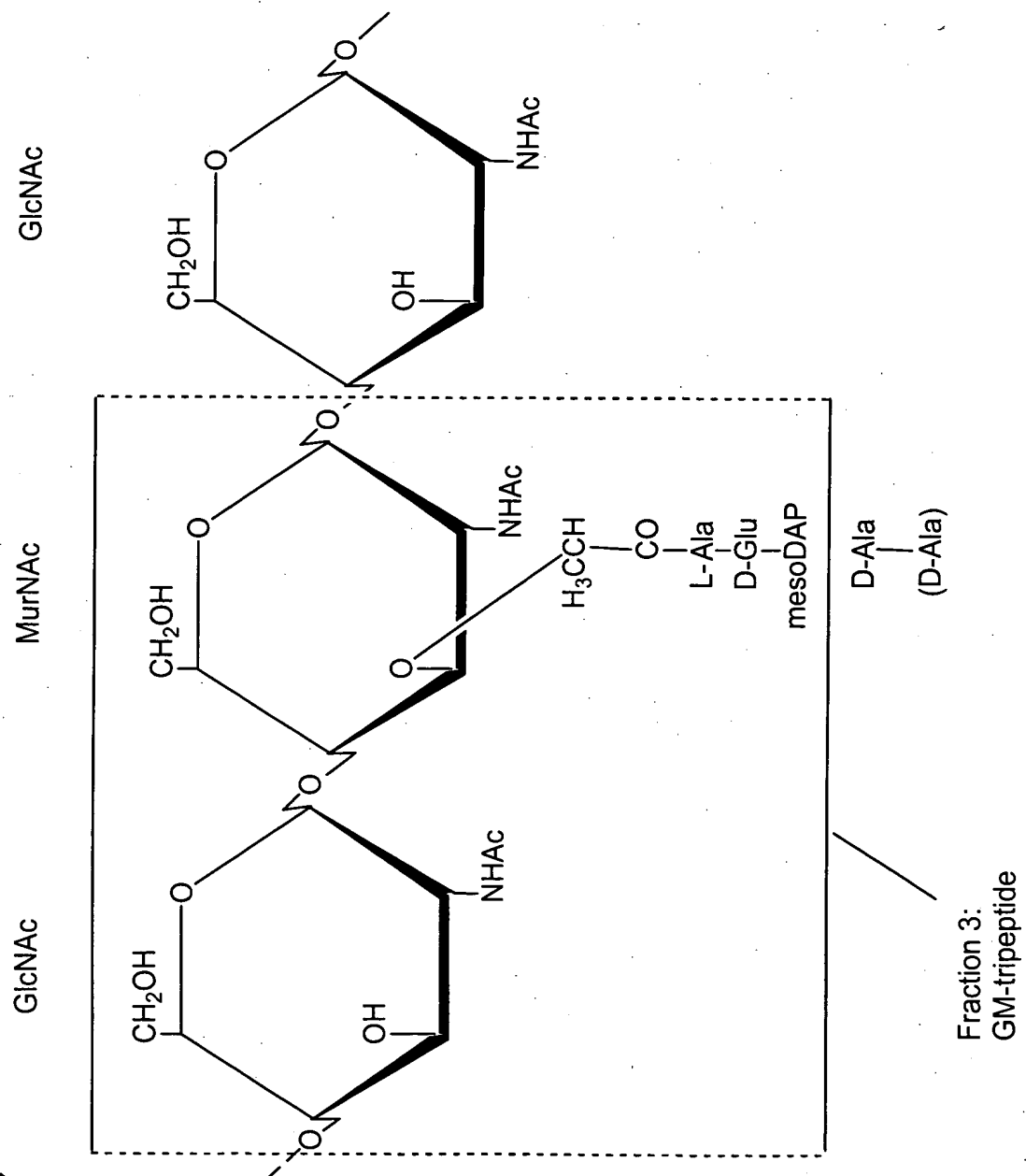


**FIGURE 2a**



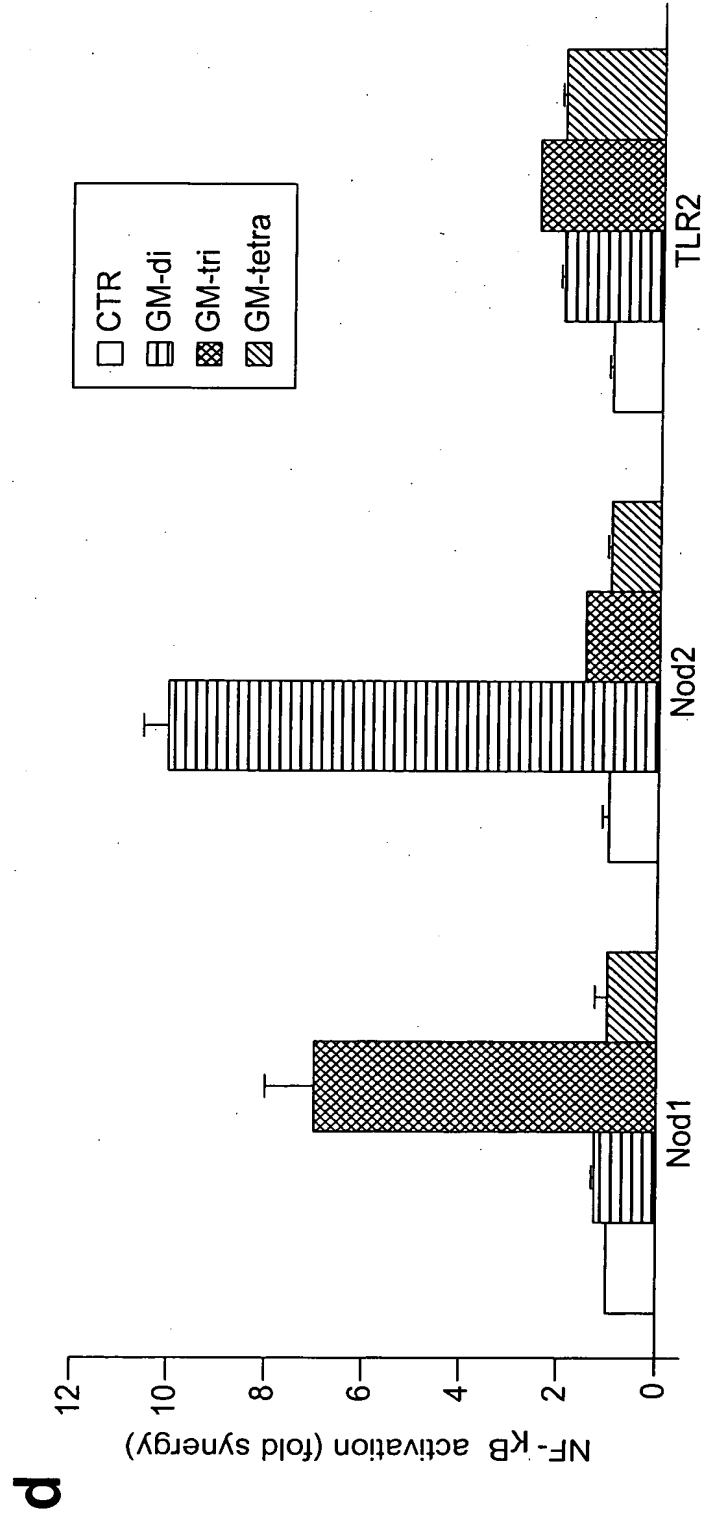
**FIGURE 2b**

**C**

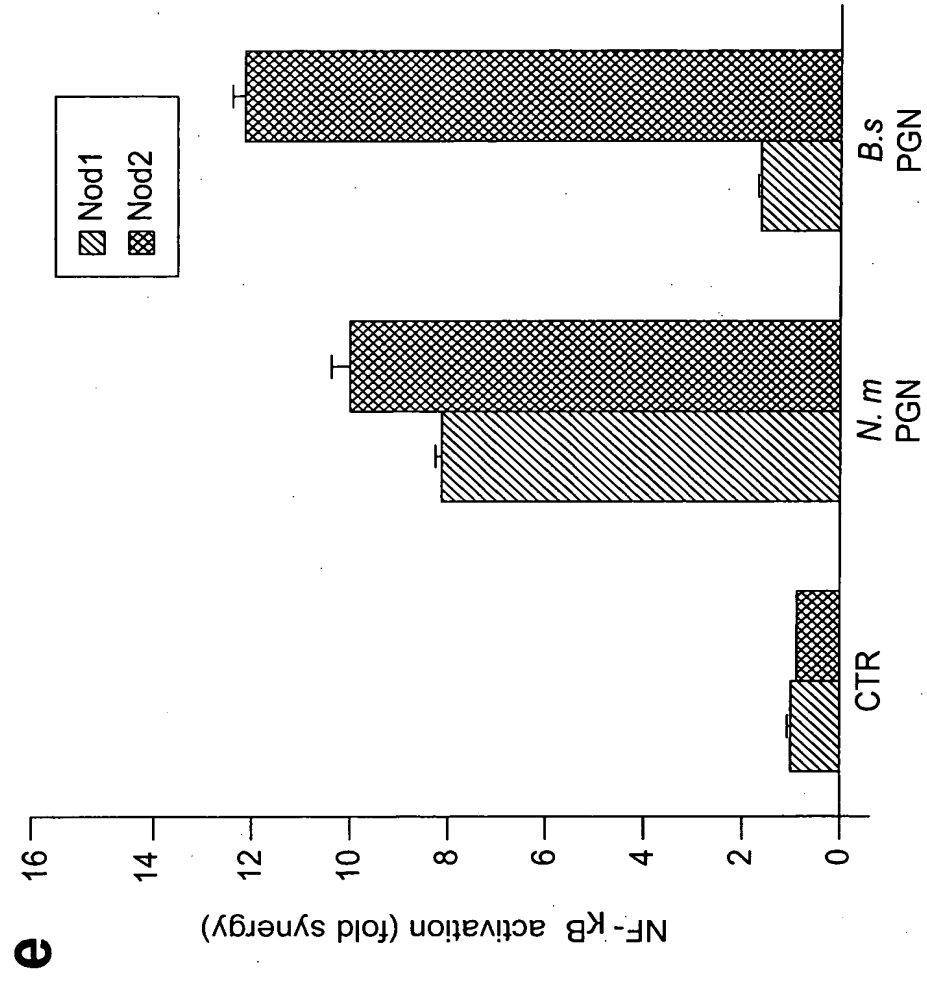


**FIGURE 2c**

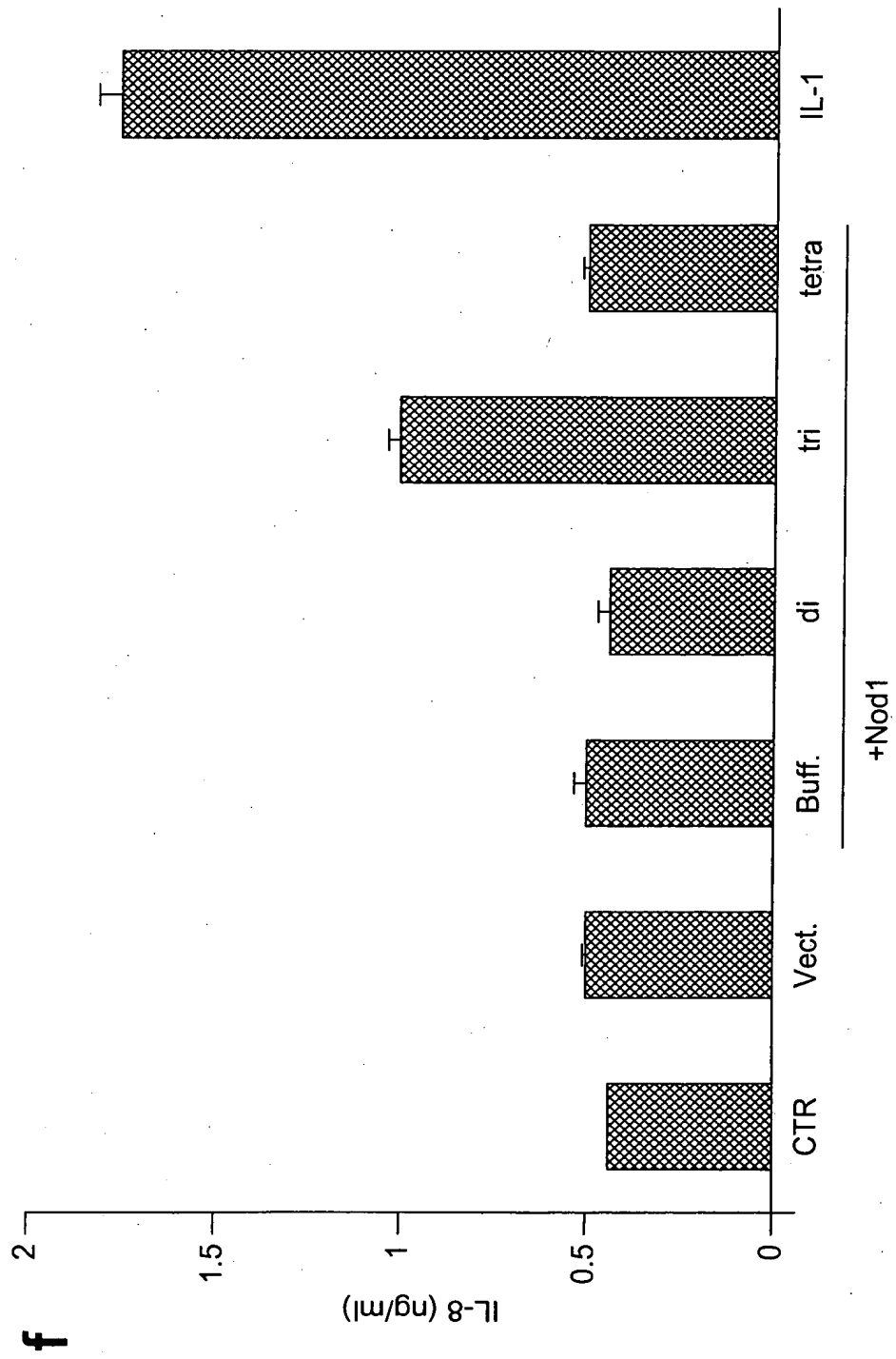




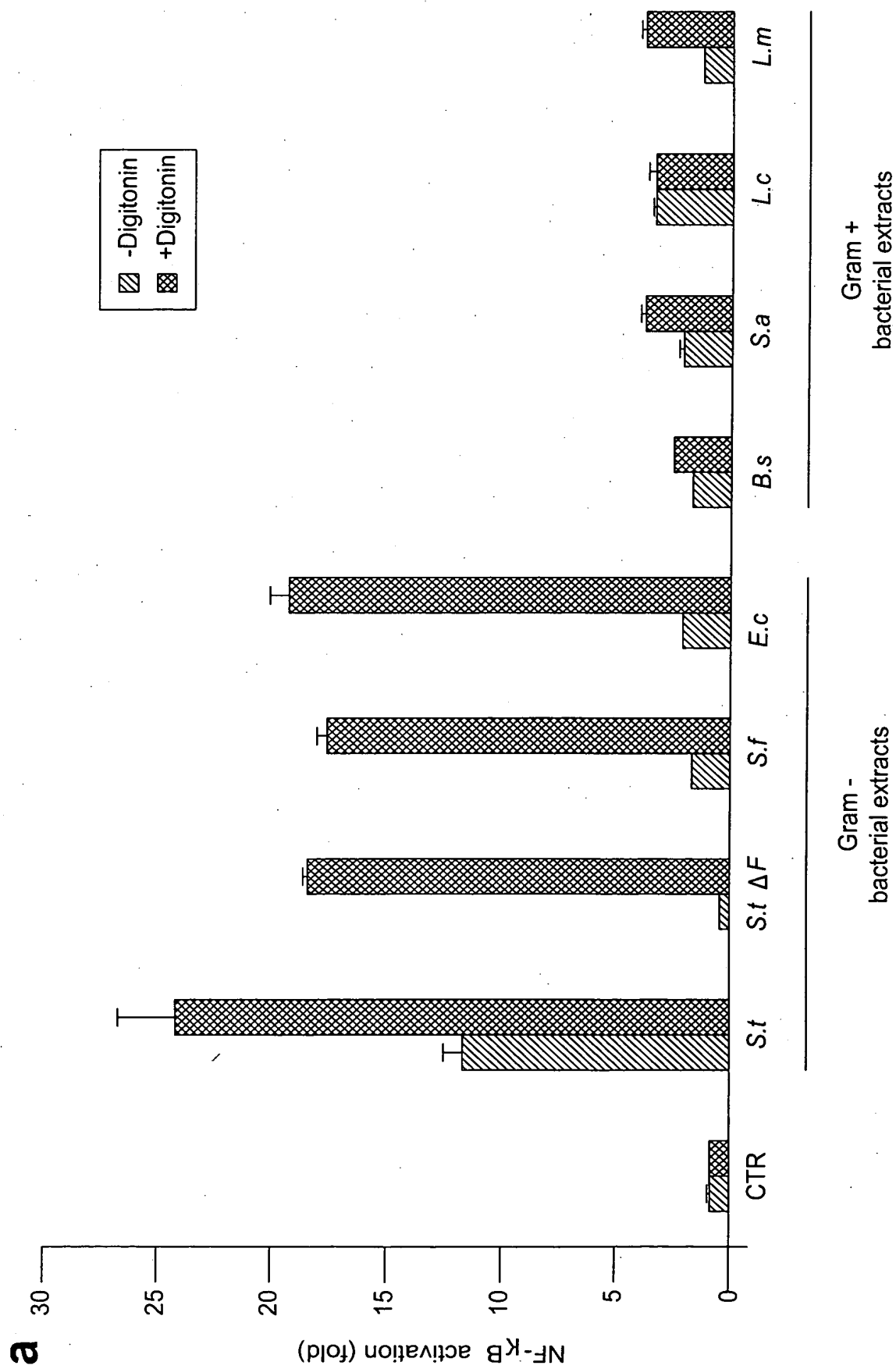
**FIGURE 2d**



**FIGURE 2e**

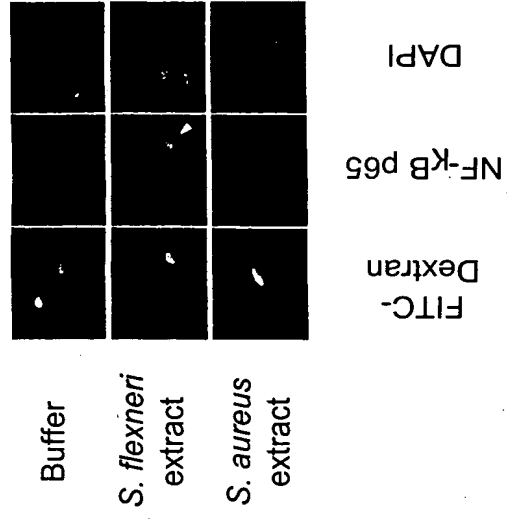


**FIGURE 2f**

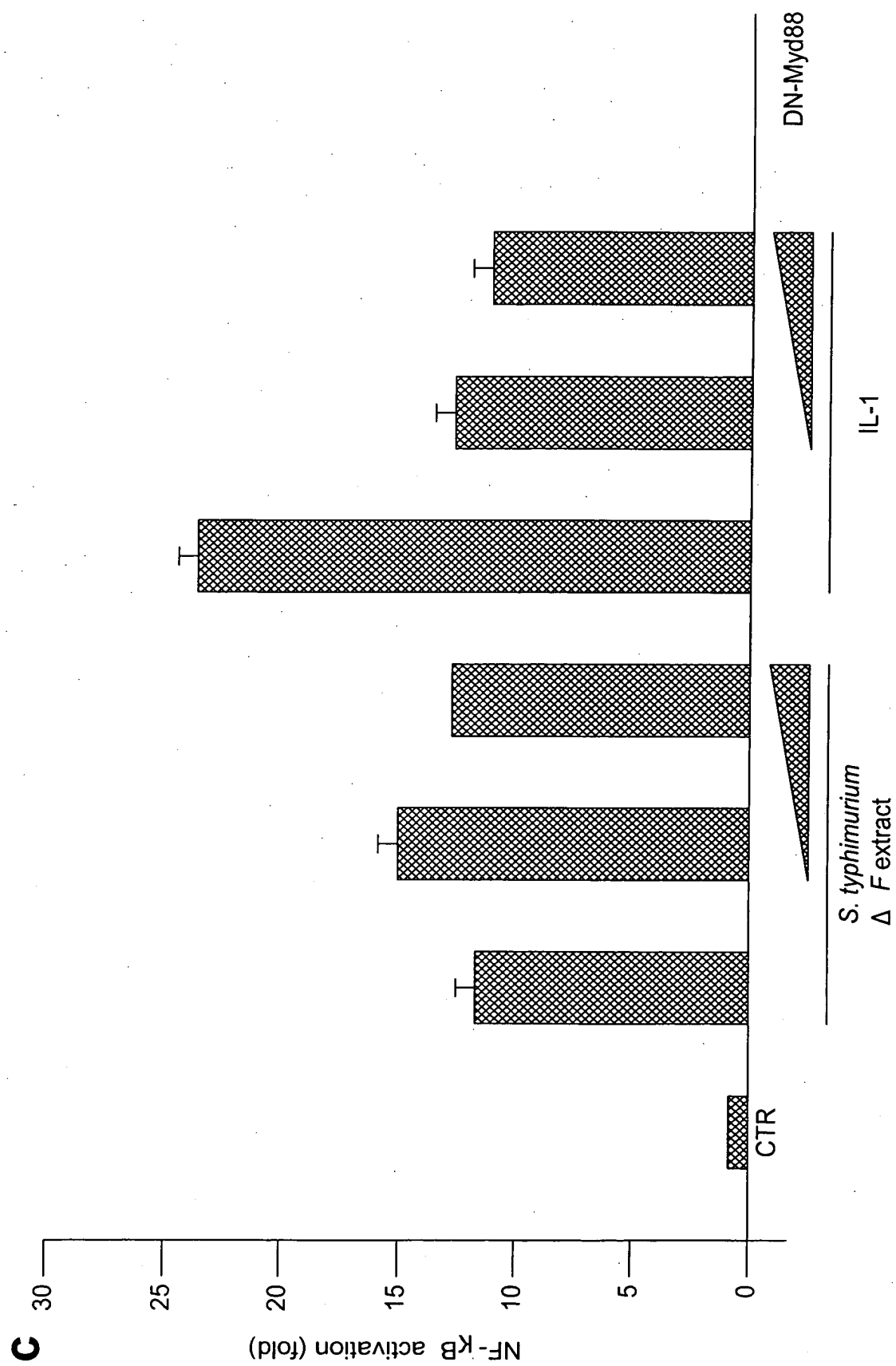


**FIGURE 3a**

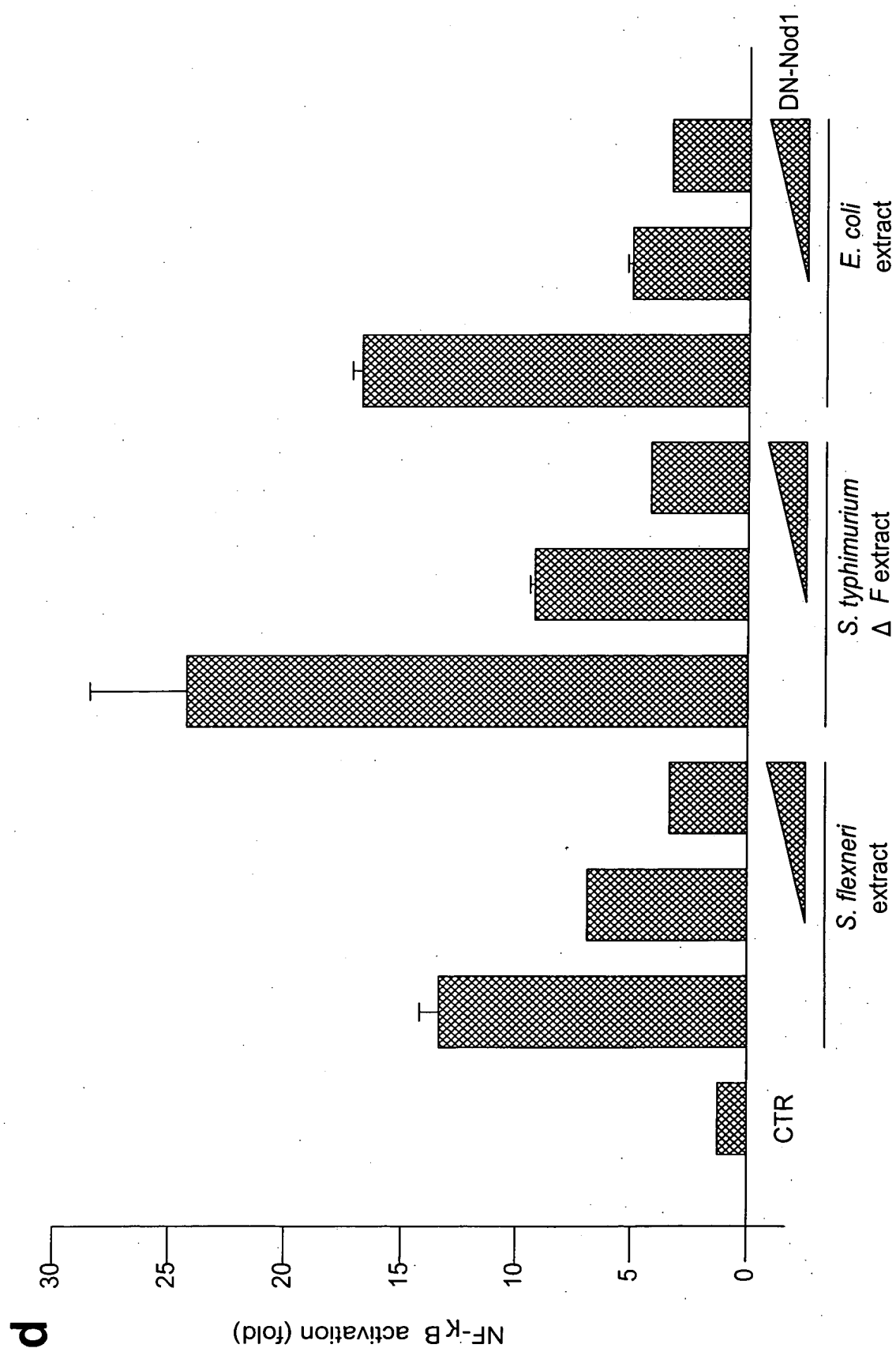
**b**



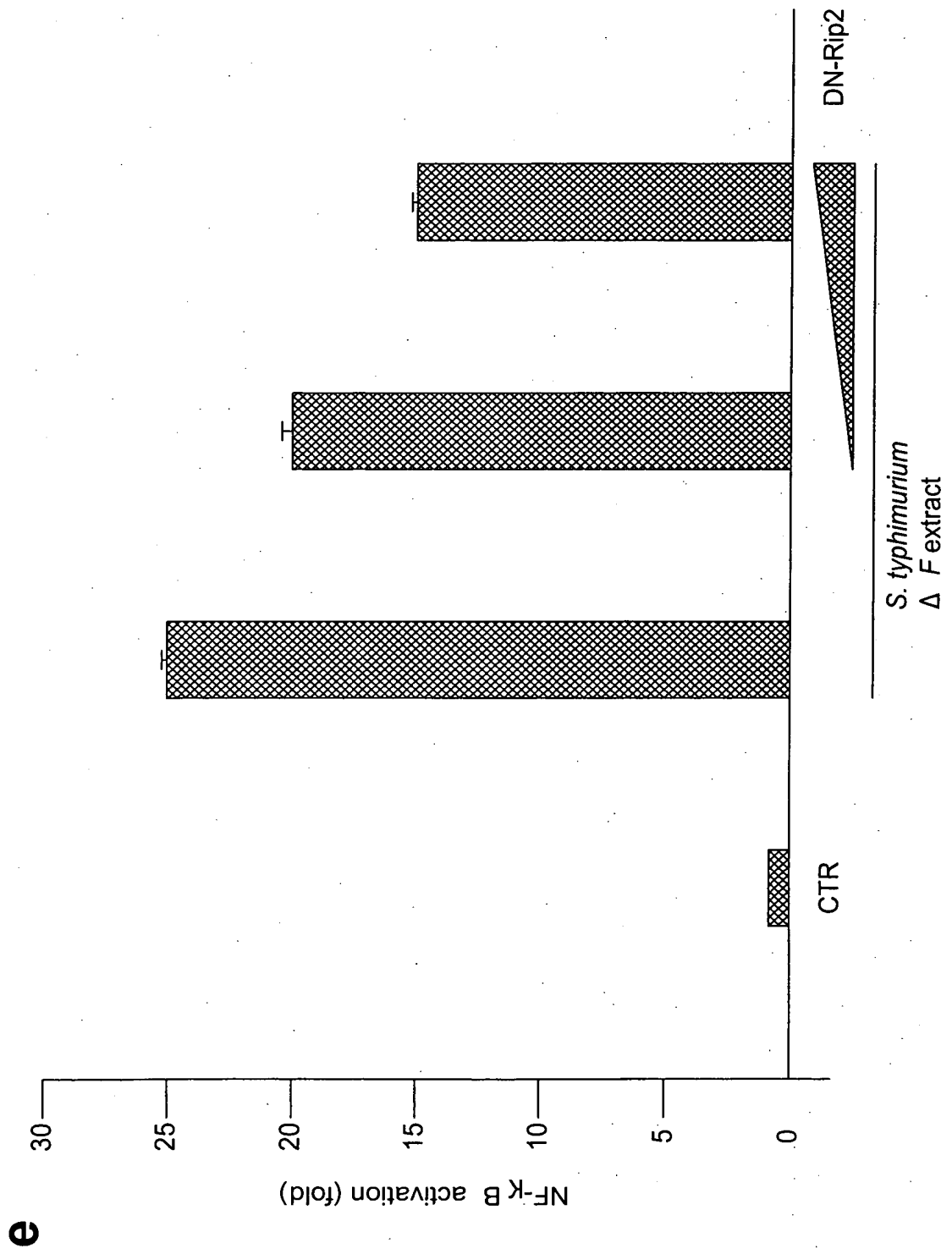
**FIGURE 3b**



**FIGURE 3c**

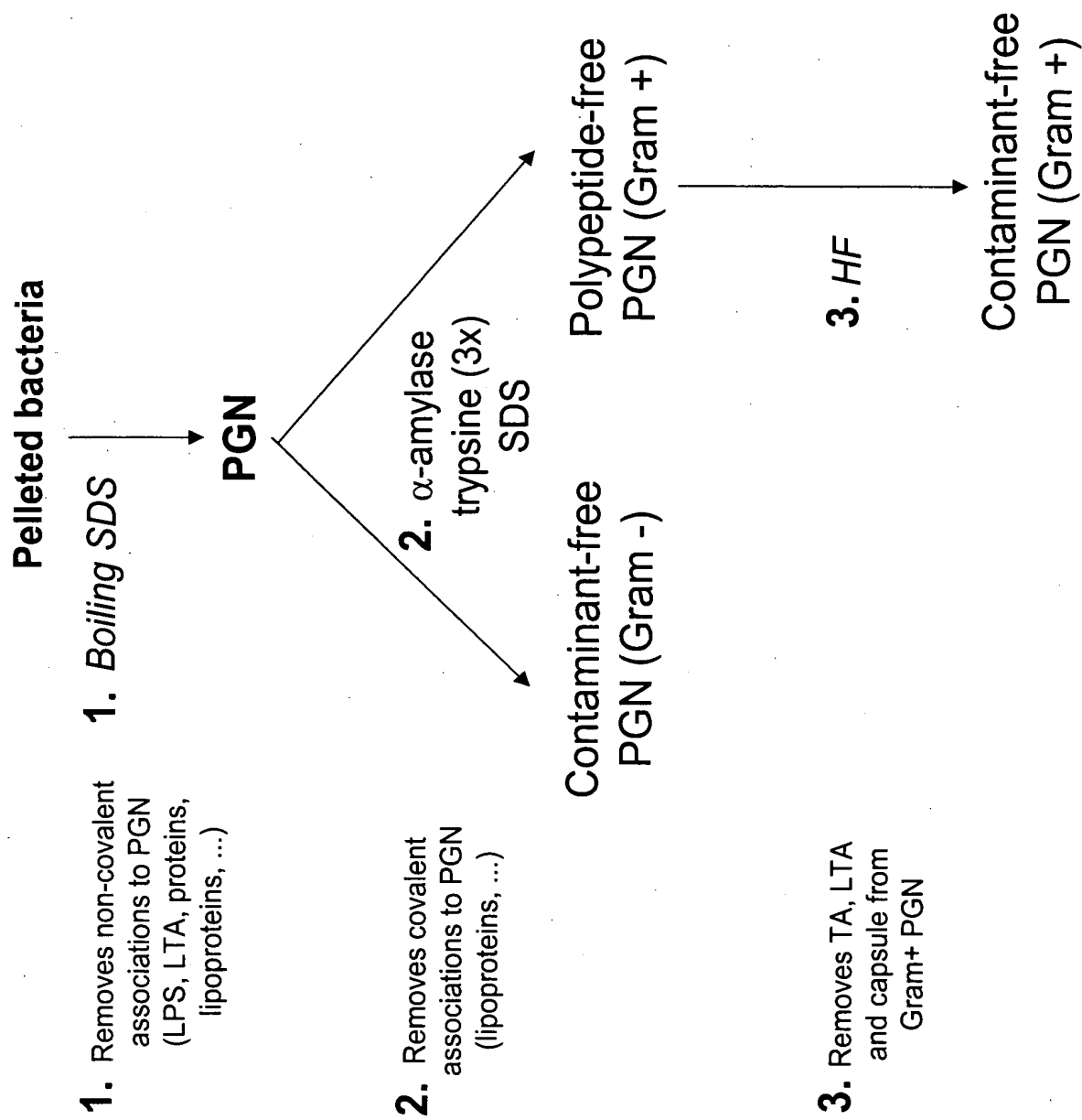


**FIGURE 3d**



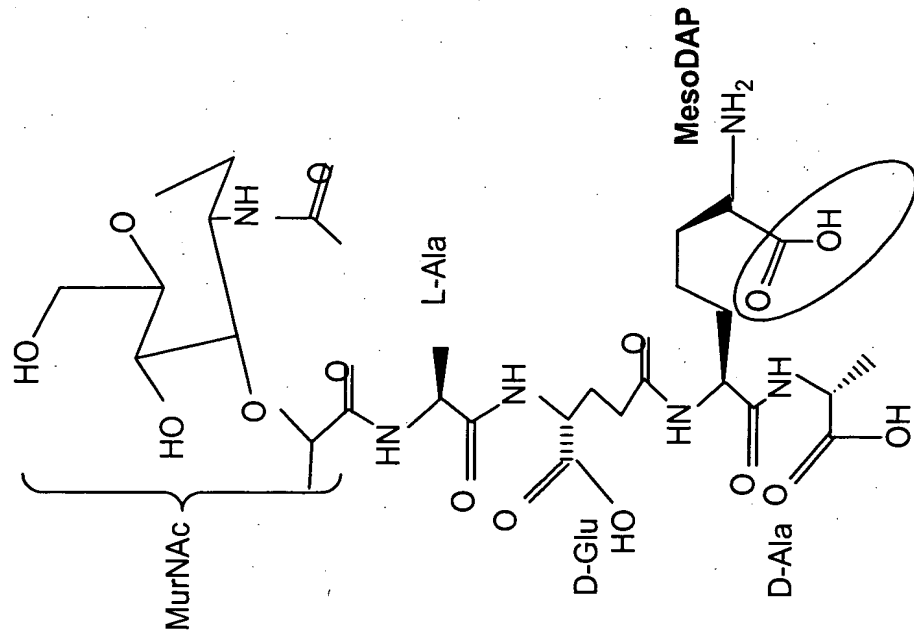
**FIGURE 3e**





**FIGURE 4**

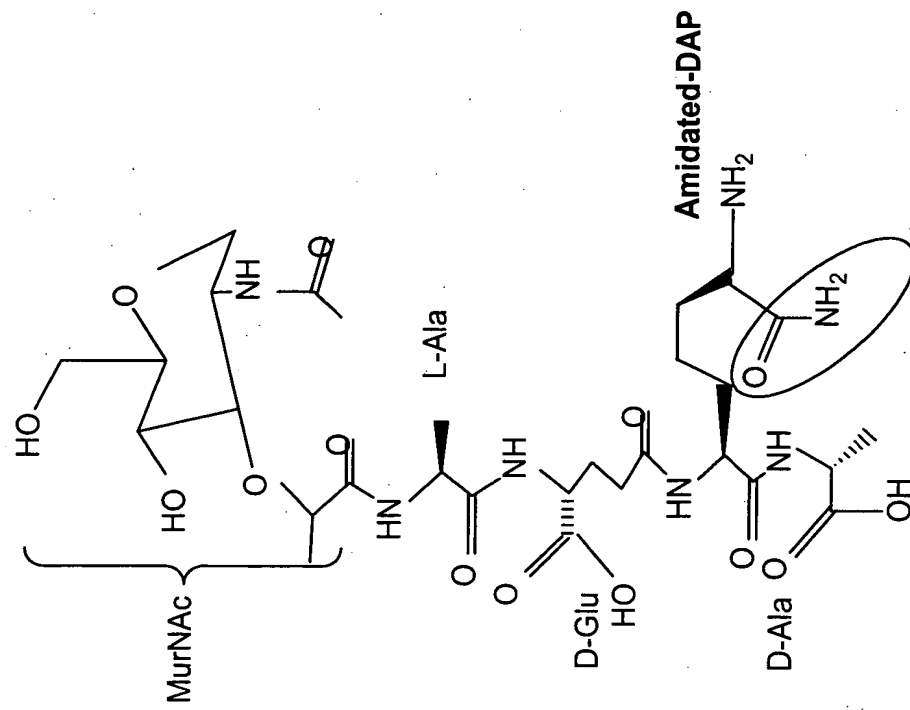
5a



MurNAc-L-Ala-D-Glu-mesoDAP-D-Ala

**FIGURE 5a**

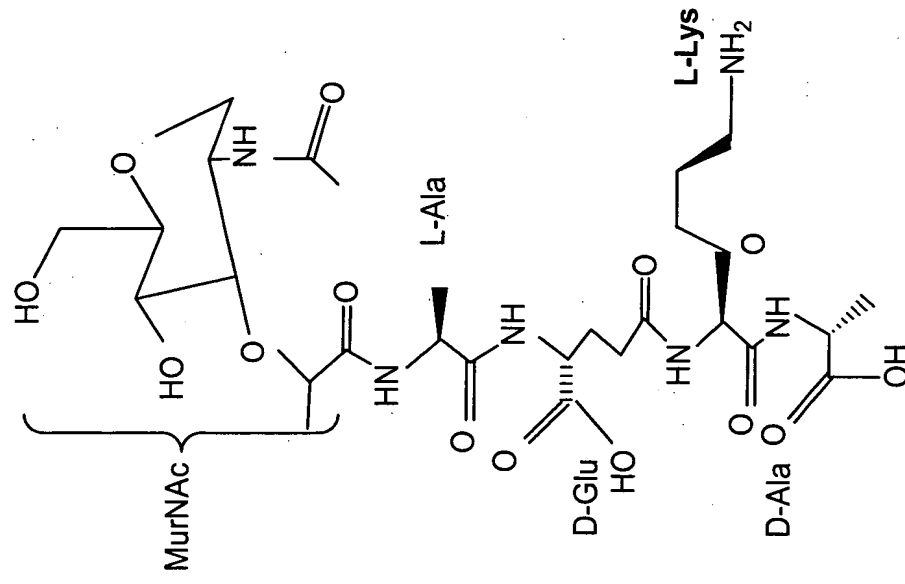
5b



MurNAc-L-Ala-D-Glu-Amidated-DAP-D-Ala

FIGURE 5b

5c



MurNAc-L-Ala-D-Glu-L-Lys-D-Ala

FIGURE 5c

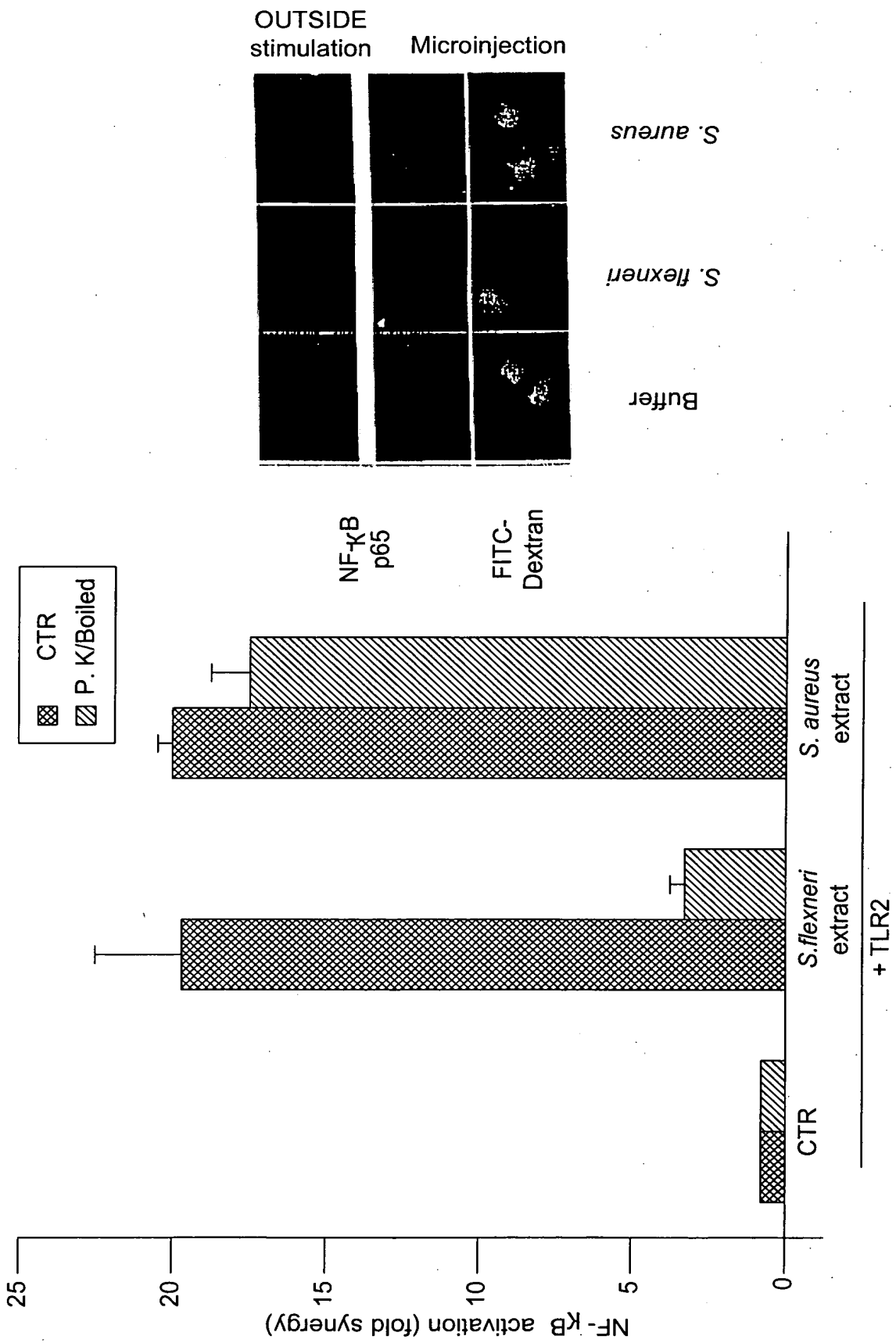


FIGURE 6

7a

Cell extracts

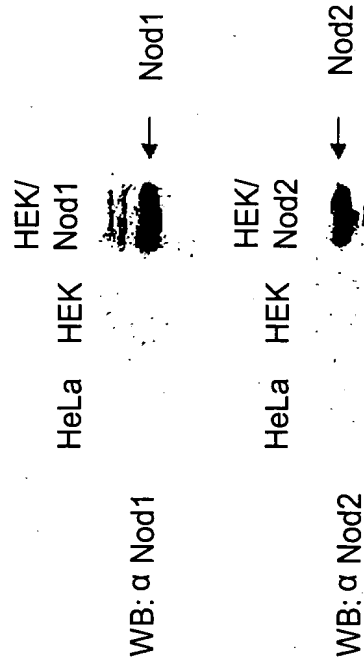
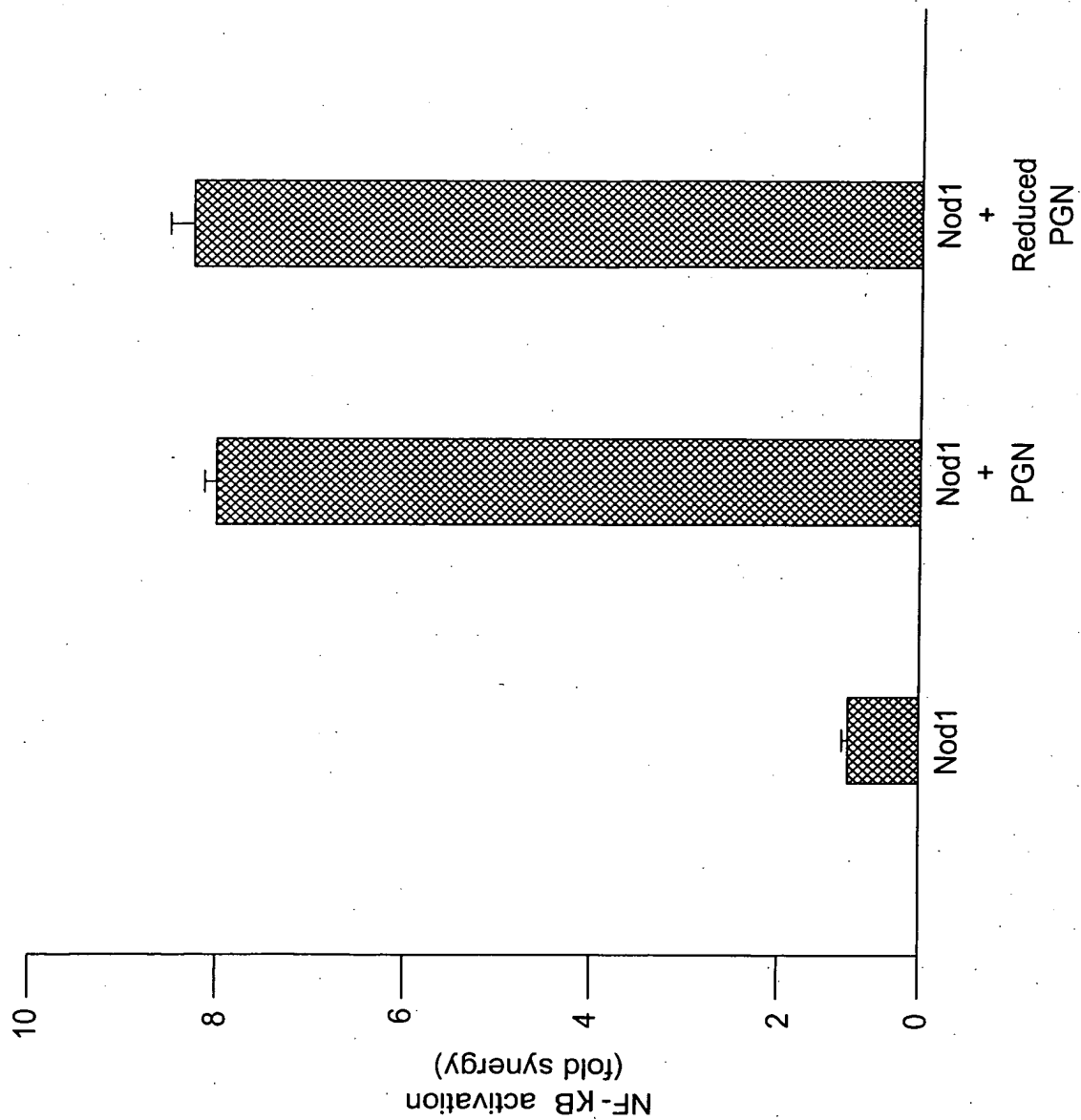


FIGURE 7a

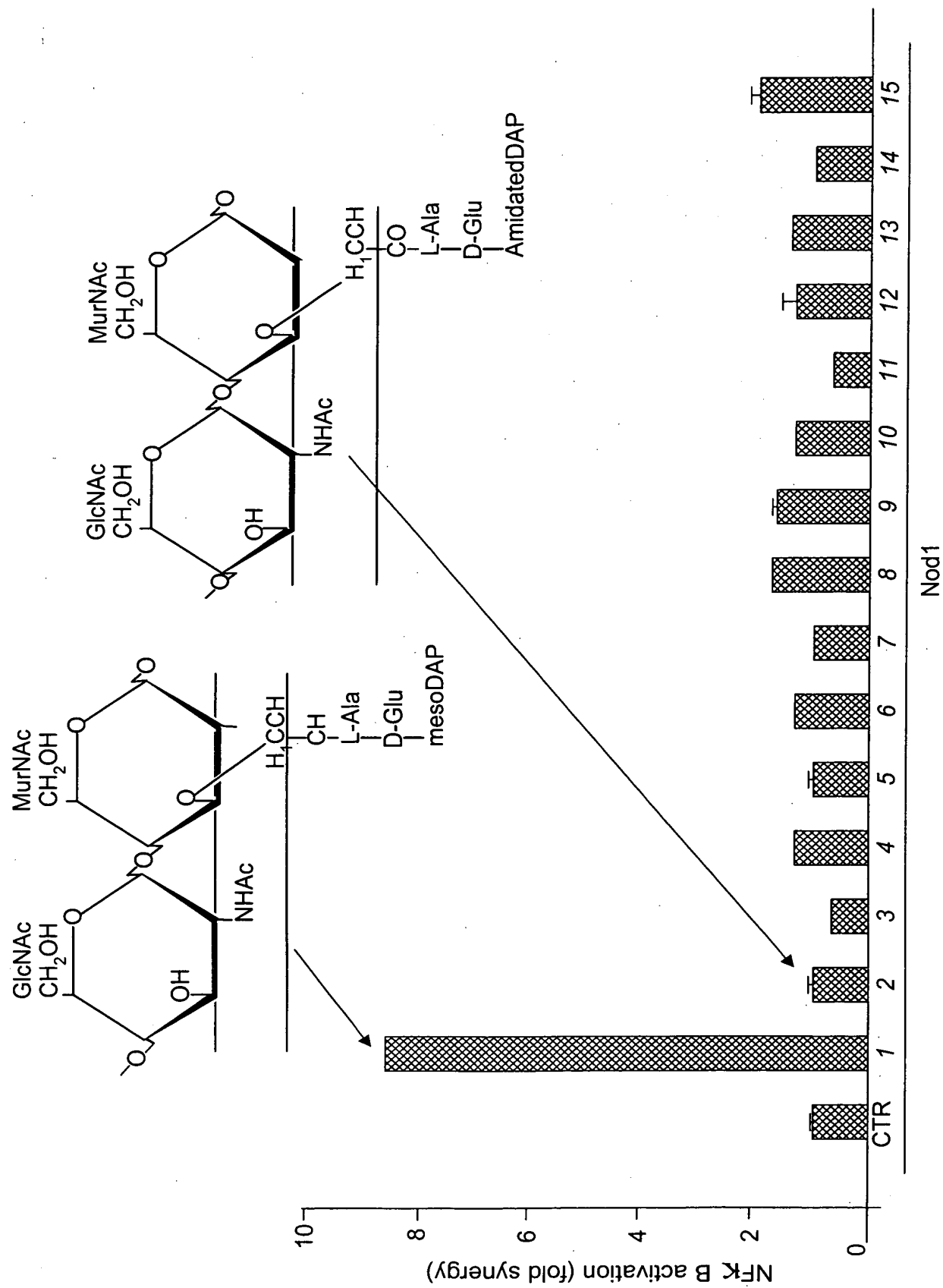
## Immunoprecipitations (IP)

**FIGURE 7b**



**FIGURE 8a**





**FIGURE 8b**

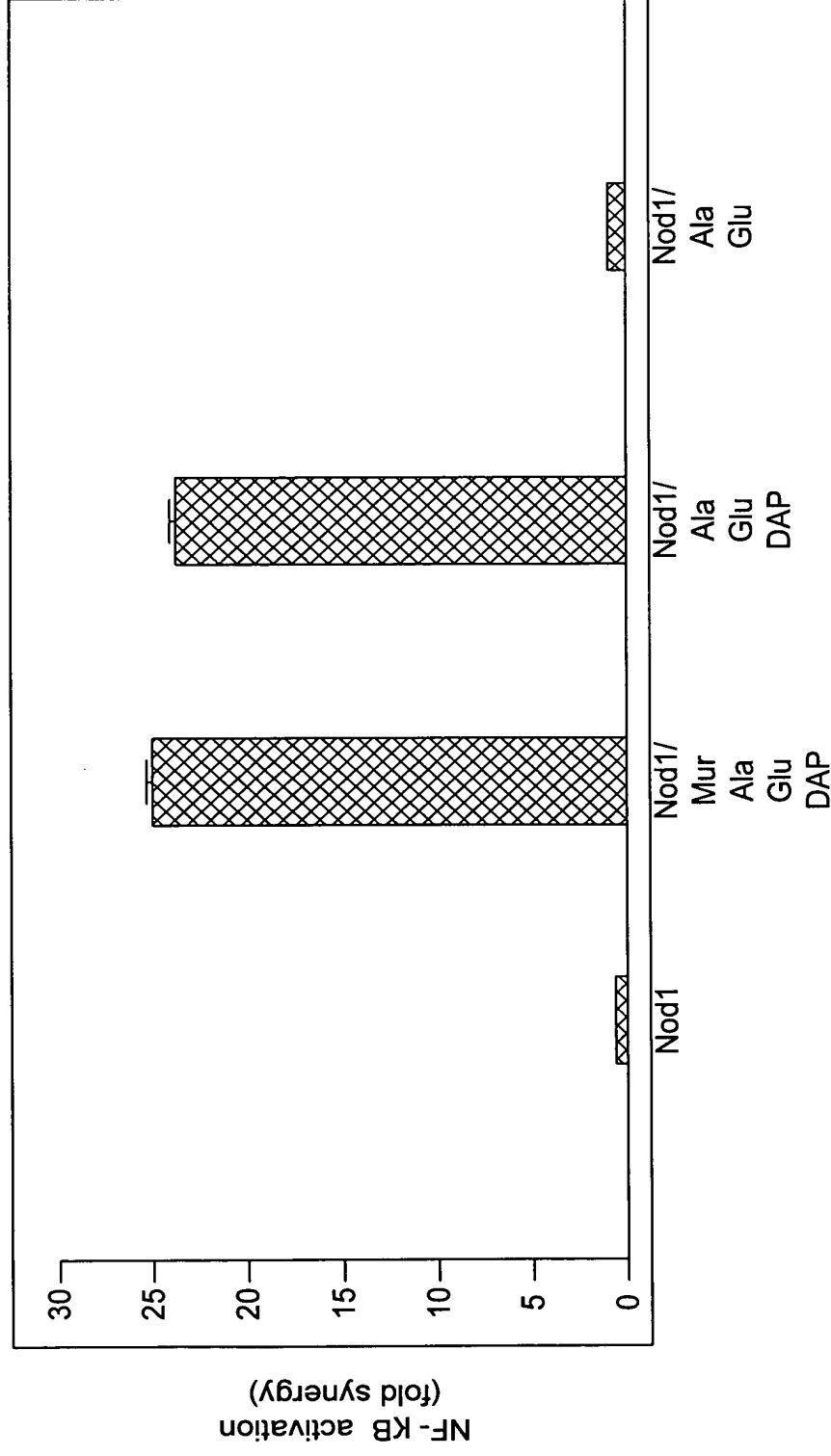


FIGURE 8C

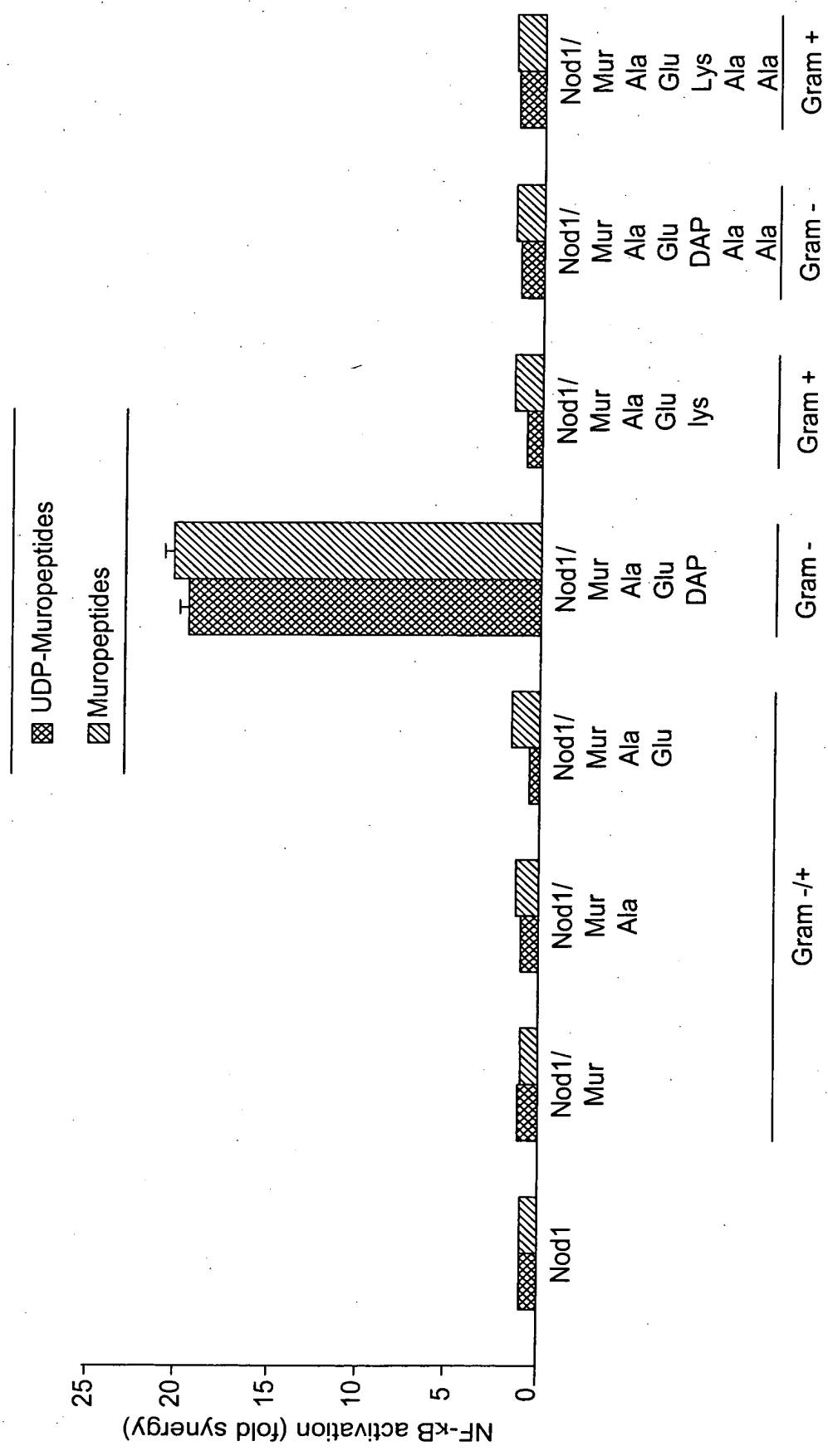


FIGURE 8d